



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Cantor *et al.*

Serial No.: 09/395,409

Filed: September 14, 1999

For: *SOLID PHASE SEQUENCING OF
BIOPOLYMERS*

Art Unit: 1656

Examiner: Houtteman, S.

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AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Responsive to an Office Action, mailed October 4, 2000, please amend
the application as follows:

IN THE CLAIMS

✓ Please cancel claims 56, 57, 61, 62 and 78-85 without prejudice or
disclaimer.

Please add claims 88 to 123 as follows:

Ant B3
88. (New) The method of claim 56, wherein the molecular weights are
determined by methods selected from the group consisting of gel
electrophoresis, capillary electrophoresis, chromatography, and nuclear magnetic
resonance.

89. (New) The method of claim 56, wherein the molecular weights are
determined by mass spectrometry.

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90. (New) The method of claim 89, wherein the mass spectrometry
comprises a step selected from the group consisting of laser heating, droplet
release, electrical release, photochemical release, fast atom bombardment,
plasma desorption, matrix-assisted laser desorption/ionization, electrospray, and
resonance ionization, or a combination thereof.

04/09/2001 BNGUYEN1 00000140 09395409

01 FC:217 445.00 OP
02 FC:202 80.00 OP
03 FC:203 252.00 OP